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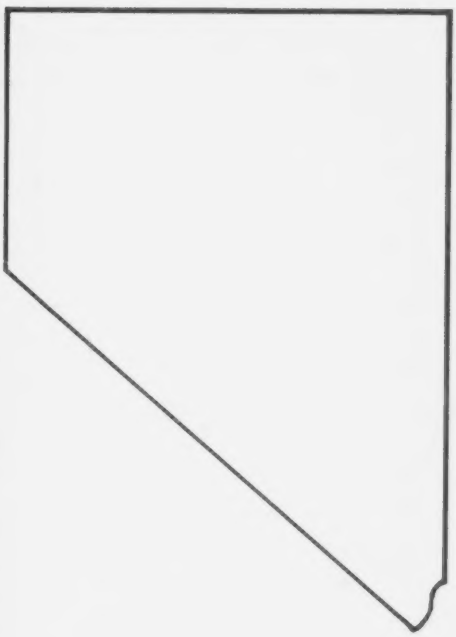
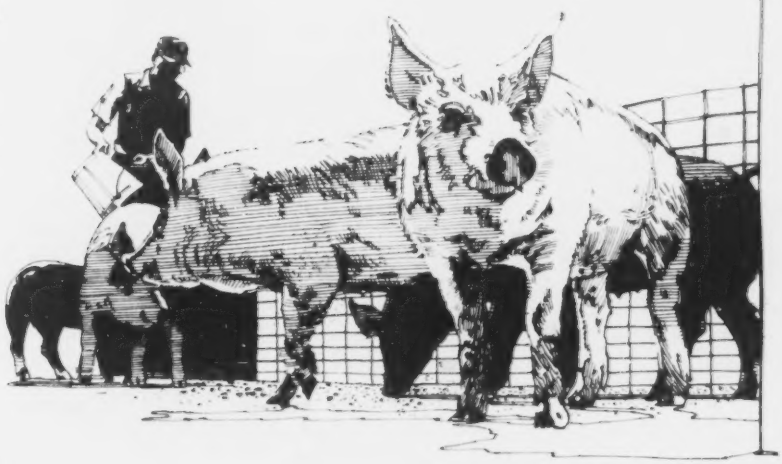


1980 Nevada Agricultural Statistics



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NEVADA CROP AND LIVESTOCK REPORTING SERVICE

U. S. Dept. of Agriculture
Statistical Reporting Service

Cooperating with

Div of Agr & Resource Econ, U of Nev
and
Nevada State Dept. of Agriculture

Max C. Fleischmann Agricultural Building, Rm 232, Reno, Nevada 89557

FOREWORD

This Annual report presents a summary of Crops, Livestock, Prices and related agricultural data for 1980 with comparisons for recent years. Data for 1979 and earlier years may differ from previous publications because of revisions based on review of survey data and more complete check data. Early season forecasts and preliminary estimates are issued currently during the year by the Nevada Crop and Livestock Reporting Service.

The information presented is part of a continuing cooperative project of the United States Department of Agriculture, Statistical Reporting Service, the University of Nevada and the Nevada State Department of Agriculture to provide the best possible statistical picture of Nevada's agriculture.

My thanks goes to the Nevada farmers and ranchers, agri business, County Extension Agents and other Federal, State and local agencies who contributed statistical data that makes up this publication.

A copy of this publication may be obtained without charge upon request to the Agricultural Statistician, P. O. Box 8888, Reno, Nevada 89507.

Charles Drain
State Statistician

Peter Dale Weber
Agricultural Statistician

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NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1980, at the 2,900 level, was the same as a year earlier by the new definition. The new definition includes places with annual sales of agricultural products of $1,000 or more. The old definition prior to 1975 as shown in the table includes places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.

A preliminary number of 2,900 farms is estimated for 1981 which is unchanged from 1980. New land coming into production has been offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms remained at 8,990,000 acres during 1980 (new definition).

Average size of ranch or farm in Nevada during 1980 was 3,100 acres (new definition) which is also projected for 1981. Increases in small, part time operations which qualify as farms due to inflation are responsible for these decreases in average farm size.

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1970-81 1/

Year	Nevada			United States		
	Number of Farms	Average Size of Farms	Land in Farms	Number of Farms	Average Size of Farms	Land in Farms
		Acres	1,000 Acres	Thousands	Acres	1,000 Acres
1970	2,100	4,286	9,000	2,949	374	1,102,371
1971	2,100	4,286	9,000	2,902	378	1,096,863
1972	2,100	4,286	9,000	2,860	382	1,092,065
1973	2,100	4,286	9,000	2,823	385	1,087,923
1974	2,100	4,286	9,000	2,795	388	1,084,433
1975 3/	2,200	4,086	8,990	2,521	420	1,059,420
1976 3/	2,400	3,746	8,990	2,497	422	1,054,075
1977 3/	2,600	3,458	8,990	2,456	427	1,047,785
1978 3/	2,900	3,100	8,990	2,436	429	1,044,790
1979 3/	2,900	3,100	8,990	2,430	429	1,043,095
1980 3/	2,900	3,100	8,990	2,428	429	1,042,245
1981 2/	2,900	3,100	8,990	2,419	430	1,041,370
1982						

1/ Beginning 1975 (New Definition). Places with annual sales of agricultural prod. of $1,000 or more. 2/ Preliminary. 3/ Revised.

NUMBER OF LIVESTOCK SPECIE FARMS, 1970-80

Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
	Number				Thousands			
1970	1,700	600	300	290	1,935.4	647.9	179.6	871.2
1971	1,600	600	300	290	1,888.0	591.9	170.7	869.6
1972	1,600	550	300	270	1,855.3	539.4	160.5	778.2
1973	1,600	500	300	240	1,841.1	497.0	150.8	735.7
1974	1,600	450	300	240	1,870.5	470.2	140.6	733.1
1975 1/	1,500	430	290	240	1,866.0	443.6	129.6	661.7
1976 1/	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977 1/	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978 1/	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979 1/	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980 1/	1,700	400	300	220	1,608.2	335.3	115.5	674.8
1981								

1/ Revised

ANNUAL CROP SUMMARY

Nevada ranchers and farmers produced 1.4 million tons of selected crops in 1980--about the same as in in 1979. Increases in grain crops and hay were about offset by a drop in potato production. Acreage harvested of total crops was up 1 percent in 1980, but most of this increase was in wild hay which has a relatively low yield. Figures shown in the table below are not comparable with tables published in earlier years as this service no longer estimates corn sileage or oat production.

Spring planting got off to a slow, late start in 1980 but a frost free fall resulted in a longer than normal growing season. Yields were above 1979 for spring wheat, alfalfa seed, barley, and alfalfa hay. Declines were shown for winter wheat, cotton lint, and other hay. Above normal precipitation early in the growing season got range grasses off to a good start. Scattered frosts, widespread precipitation, and periodic high winds during most of May slowed crop growth. June and July were mostly hot and dry. Unseasonable cool air and scattered thundershowers ended the hot spell about mid-August. Warm, dry weather during the remainder of the season was about ideal for all harvesting operations.

Hay production was up from 1979 due to a larger acreage and slightly higher yields. Alfalfa hay harvested from 215,000 acres with an average yield of 3.50 tons per acre totaled 753,000 tons compared with 731,000 tons a year earlier. Other types of hay (largely wild hay) were cut from 285,000 acres compared with 280,000 in 1979. Below average yields in 1980 resulted in a production of 342,000 tons. In 1979, other hay production totaled 350,000 tons.

CROP VALUES

Value of selected crops produced in Nevada totaled $146.1 million in 1980--about 19 percent more than the 1979 value of 122.5 million. Value increase was due to higher prices as production remained at about the same level as a year earlier. Hay prices increased 12 percent from 1979 while potato prices nearly doubled.

Value of of the alfalfa seed crop decreased 3 percent as prices were down from a year earlier. Alfalfa seed yields averaged 450 pounds compared with 405 in 1979. Hay, the States' most important crop, had a farm value of $100.2 million and accounted for about 69 percent of the value of all crops harvested in 1980.

ACREAGE, PRODUCTION AND VALUE, NEVADA, 1978-1980

CROP	Acres Harvested			Tons Produced			Values--Dollars		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Thousands								
All grain crops 1/. . .	49.0	51.0	57.0	78.2	81.5	101.0	8,002	10,170	13.194
Alfalfa seed .	17.0	18.0	17.0	3.1	3.6	3.8	8,377	9,477	9,180
Cotton & seed.	1.3	1.1	.9	1.1	1.0	.8	509	556	525
Potatoes . . .	17.0	15.0	13.0	272.0	247.5	221.0	13,056	13,613	22,984
All hay. . . .	480.0	495.0	500.0	1084.0	1081.0	1,095.0	56,910	88,642	100,193
Total	564.3	580.1	587.9	1438.4	1414.6	1,421.6	86,854	122,458	146,076

1/Wheat & Barley

SUMMARY OF PRINCIPAL CROPS HARVESTED IN NEVADA, 1978-1980

Crop & Year	Acres Harvested	Production Per Acre	Production Total	Unit	Value of Production 1/ Per Unit	Value of Production 1/ Total
	Thou.		Thou.		Dol.	Thou. Dol.
Winter Wheat						
1978	10	65.0	650	Bu.	3.40	2,210
1979	11	70.0	770	"	4.15	3,196
1980	12	65.0	780	"	3.90	3,042
Spring Wheat						
1978	12	55.0	660	"	3.40	2,244
1979	13	50.0	650	"	4.00	2,600
1980	17	60.0	1,020	"	3.90	3,978
Barley						
1978	27	60.0	1,620	"	2.19	3,548
1979	27	60.0	1,620	"	2.70	4,374
1980	28	70.0	1,960	"	3.15	6,174
Alfalfa Seed						
1978	17.0	365	6,205	Lb.	1.35	8,377
1979	18.0	405	7,290	"	1.30	9,477
1980	17.0	450	7,650	"	1.20	9,180
Cotton, lint2/:						
1978	1.3	542	1.5	Bale	.60	432
1979	1.1	655	1.5	"	.68	490
1980	.9	640	1.2	"	.80	461
Cottonseed						
1978	-	-	.7	Ton	110.00	77
1979	-	-	.6	"	110.00	66
1980		-	.5	"	128.00	64
Potatoes						
1978	17.0	320	5,440	Cwt.	2.40	13,056
1979	15.0	330	4,950	"	2.75	13,613
1980	13.0	340	-,420	"	5.20	22,984
Alfalfa hay						
1978	220	3.45	759	Ton	N/A	N/A
1979	215	3.40	731	"	N/A	N/A
1980	215	3.50	753	"	N/A	N/A
All other hay						
1978	260	1.25	325	"	N/A	N/A
1979	280	1.25	350	"	N/A	N/A
1980	285	1.20	342	"	N/A	N/A
All hay						
1978	480	2.26	1,084	"	52.50	56,910
1979	495	2.18	1,081	"	82.00	88,642
1980	500	2.19	1,095	"	91.50	100,193

1/ Excludes all Government support payments. 2/ Yield is pounds of lint per acre, and price is per pound of lint.

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1979

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	26,000	4.20	109,200	2,500	1.40	3,500	112,700
Douglas	7,000	3.75	26,250	8,000	2.05	16,400	42,650
Humboldt.	36,000	3.55	127,800	62,000	1.20	74,400	202,200
Lyon.	32,000	3.70	118,400	2,400	1.45	3,480	121,880
Carson City	400	2.60	1,040	400	1.00	400	1,440
Pershing.	13,000	3.60	46,800	2,800	1.20	3,360	50,160
Story	100	2.90	290	100	1.00	100	390
Washoe.	9,000	3.60	32,400	10,000	1.25	12,500	44,900
District 1	123,500	3.74	462,180	88,200	1.29	114,140	576,320
Elko.	26,000	2.30	59,800	145,000	1.25	181,250	241,050
Eureka.	17,000	2.75	46,750	13,000	1.15	14,950	61,700
Lander.	10,000	2.50	25,000	16,000	1.15	18,400	43,400
White Pine.	14,000	2.70	37,800	7,000	1.10	7,700	45,500
District 3	67,000	2.53	169,350	181,000	1.23	222,300	391,650
Clark	5,000	5.70	28,500	500	2.40	1,200	29,700
Esmeralda	5,200	3.50	18,200	300	1.00	300	18,500
Lincoln	6,000	2.70	16,200	1,800	1.70	3,060	19,260
Mineral	1,300	3.90	5,070	200	1.00	200	5,270
Nye	7,000	4.50	31,500	8,000	1.10	8,800	40,300
District 8	24,500	4.06	99,470	10,800	1.26	13,560	113,030
State Total	215,000	3.40	731,000	280,000	1.25	350,000	1,081,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1980

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	27,000	4.30	116,100	2,300	1.10	2,530	118,630
Douglas	7,000	3.80	26,600	9,000	1.60	14,400	41,000
Humboldt.	37,000	3.60	133,200	65,000	1.10	71,500	204,700
Lyon.	32,000	3.80	121,600	2,600	1.60	4,160	125,760
Carson City	400	2.60	1,040	400	1.00	400	1,440
Pershing.	12,000	3.70	44,400	2,900	1.30	3,770	48,170
Story	100	3.00	300	100	1.00	100	400
Washoe.	9,000	3.80	34,200	11,000	1.30	14,300	48,500
District 1	124,500	3.83	477,440	93,300	1.19	111,160	588,600
Elko.	26,000	2.50	65,000	148,000	1.20	177,600	242,600
Eureka.	16,000	2.80	44,800	12,000	1.30	15,600	60,400
Lander.	11,000	3.00	33,000	14,000	1.20	16,800	49,800
White Pine.	14,000	2.80	39,200	8,000	1.20	9,600	48,800
District 3	67,000	2.72	182,000	182,000	1.21	219,600	401,600
Clark	5,000	5.20	26,000	500	2.40	1,200	27,200
Esmeralda	4,200	3.80	15,960	300	.90	270	16,230
Lincoln	6,000	2.60	15,600	1,700	1.10	1,870	17,470
Mineral	1,300	4.00	5,200	200	1.00	200	5,400
Nye	7,000	4.40	30,800	7,000	1.10	7,700	38,500
District 8	23,500	3.98	93,560	9,700	1.16	11,240	104,800
State Total	215,000	3.50	753,000	285,000	1.20	342,000	1,095,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1977

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	31,000	3.90	120,900	1,800	1.50	2,700	123,600
Douglas	8,000	3.40	27,200	6,900	1.90	13,110	40,310
Humboldt.	31,000	3.50	108,500	56,000	1.10	61,600	170,100
Lyon.	30,000	3.40	102,000	2,200	1.30	2,860	104,860
Carson City	500	3.40	1,700	300	1.50	450	2,150
Pershing.	13,000	3.20	41,600	2,300	1.50	3,450	45,050
Story	100	3.20	320	100	1.00	100	420
Washoe.	8,000	3.50	28,000	6,000	1.50	9,000	37,000
District 1	121,600	3.54	430,220	75,600	1.25	93,270	523,490
Elko.	23,000	2.60	59,800	127,000	1.10	139,700	199,500
Eureka.	14,000	3.20	44,800	11,000	1.00	11,000	55,800
Lander.	10,000	2.90	29,000	14,000	1.10	15,400	44,400
White Pine.	11,000	2.80	30,800	6,000	1.20	7,200	38,000
District 3.	58,000	2.83	164,400	158,000	1.10	173,300	337,700
Clark	5,000	5.00	25,000	400	2.10	840	25,840
Esmeralda	5,400	3.20	17,280	200	1.00	200	17,480
Lincoln	8,000	2.80	22,400	1,100	2.10	2,310	24,710
Mineral	1,000	3.10	3,100	100	1.00	100	3,200
Nye	6,000	4.10	24,600	4,600	1.30	5,980	30,580
District 8.	25,400	3.64	92,380	6,400	1.45	9,430	101,810
State Total	205,000	3.35	687,000	240,000	1.15	276,000	963,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1978

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	31,000	4.10	127,100	2,000	1.30	2,600	129,700
Douglas	7,000	3.70	25,900	7,000	2.00	14,000	39,900
Humboldt.	34,000	3.55	120,700	59,000	1.30	76,700	197,400
Lyon.	33,000	3.60	118,800	2,300	1.30	2,990	121,790
Carson City	400	3.20	1,280	400	1.10	440	1,720
Pershing.	14,500	3.70	53,650	2,400	1.40	3,360	57,010
Story	100	3.00	300	100	1.10	110	410
Washoe.	9,000	3.40	30,600	6,000	1.45	8,700	39,300
District 1	129,000	3.71	478,330	79,200	1.38	108,900	587,230
Elko.	25,000	2.60	65,000	138,000	1.20	165,600	230,600
Eureka.	16,000	2.70	43,200	12,000	1.00	12,000	55,200
Lander.	12,000	3.40	40,800	15,000	1.40	21,000	61,800
White Pine.	13,000	2.65	34,450	7,000	1.00	7,000	41,450
District 3	66,000	2.78	183,450	172,000	1.20	205,600	389,050
Clark	5,000	5.10	25,500	500	2.00	1,000	26,500
Esmeralda	5,800	3.20	18,560	300	1.00	300	18,860
Lincoln	7,000	3.00	21,000	1,800	1.00	1,800	22,800
Mineral	1,200	3.80	4,560	200	1.00	200	4,760
Nye	6,000	4.60	27,600	6,000	1.20	7,200	34,800
District 8	25,000	3.89	97,220	8,800	1.19	10,500	107,720
State Total	220,000	3.45	759,000	260,000	1.25	325,000	1,084,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1975

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	28,000	4.10	114,800	1,900	1.80	3,400	118,200
Douglas	9,000	3.40	30,600	7,000	2.00	14,000	44,600
Humboldt	30,000	3.30	99,000	61,000	1.00	61,000	160,000
Lyon	28,000	3.60	100,800	2,100	1.70	3,600	104,400
Carson City	500	3.10	1,550	400	1.50	600	2,150
Pershing	12,000	4.00	48,000	2,500	1.20	3,000	51,000
Story	100	2.90	290	100	1.00	100	390
Washoe	7,000	4.00	28,000	6,300	1.80	11,300	39,300
District 1	114,600	3.69	423,040	81,300	1.20	97,000	520,040
Elko	18,000	2.50	45,000	144,000	1.00	144,000	189,000
Eureka	12,000	2.70	32,400	15,000	.80	12,000	44,400
Lander	8,000	2.10	16,800	19,300	1.00	19,300	36,100
White Pine	9,000	2.50	22,500	5,000	1.00	5,000	27,500
District 3	47,000	2.48	116,700	183,300	1.00	180,300	297,000
Clark	5,000	5.40	27,000	500	1.80	900	27,900
Esmeralda	4,600	3.90	17,940	200	1.60	300	18,240
Lincoln	8,000	2.70	21,600	1,600	1.50	2,400	24,000
Mineral	800	3.40	2,720	100	1.00	100	2,820
Nye	5,000	4.00	20,000	6,000	1.00	6,000	26,000
District 8	23,400	3.81	89,260	8,400	1.15	9,700	98,960
State Total	185,000	3.40	629,000	273,000	1.05	287,000	916,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA 1976

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Ton	Ton		Ton	Ton	Ton
Churchill	30,000	3.80	114,000	2,000	1.50	3,000	117,000
Douglas	8,000	3.20	25,600	8,000	2.60	20,800	46,400
Humboldt	30,000	3.70	111,000	64,000	1.30	83,200	194,200
Lyon	29,000	3.20	92,800	2,500	1.20	3,000	95,800
Carson City	500	3.10	1,550	300	1.00	300	1,850
Pershing	12,000	3.40	40,800	2,500	1.40	3,500	44,300
Story	100	2.90	290	100	1.00	100	390
Washoe	8,000	3.50	28,000	7,000	1.30	9,100	37,100
District 1	117,600	3.52	414,040	86,400	1.40	123,000	537,040
Elko	21,000	2.60	54,600	149,000	1.10	163,900	218,500
Eureka	13,000	3.20	41,600	13,000	1.00	13,000	54,600
Lander	9,000	2.50	22,500	17,000	1.00	17,000	39,500
White Pine	10,000	2.70	27,000	7,000	1.20	8,400	35,400
District 3	53,000	2.75	145,700	186,000	1.10	202,300	348,000
Clark	5,000	5.50	27,500	500	2.00	1,000	28,500
Esmeralda	4,700	3.90	18,330	200	2.00	400	18,730
Lincoln	8,000	2.60	20,800	1,300	2.00	2,600	23,400
Mineral	700	2.90	2,030	100	1.00	100	2,130
Nye	6,000	4.10	24,600	5,500	1.20	6,600	31,200
District 8	24,400	3.82	93,260	7,600	1.40	10,700	103,960
State Total	195,000	3.35	653,000	280,000	1.20	336,000	989,000

ALFALFA SEED: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY COUNTIES, 1975-80

Year	Humboldt	Pershing	All Other 1/	Nevada Total
		Acreage Harvested		
		Acres		
1975	7,500	11,000	500	19,000
1976	5,500	5,500	500	11,500
1977	5,300	9,600	600	15,500
1978	6,000	10,000	1,000	17,000
1979	6,500	10,300	1,200	18,000
1980	6,000	10,000	1,000	17,000
1981				
		Yield Per Acre		
		Pounds		
1975	315	510	400	430
1976	335	380	300	355
1977	500	530	515	520
1978	275	415	405	365
1979	425	380	515	405
1980	400	480	450	450
1981				
		Production of Clean Seed		
		Thousand Pounds		
1975	2,360	5,610	200	8,170
1976	1,840	2,090	150	4,083
1977	2,650	5,100	310	8,060
1978	1,650	4,150	405	6,205
1979	2,760	3,910	620	7,290
1980	2,400	4,800	450	7,650
1981				

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine

WEATHER SUMMARY, 1979-1980

GENERAL: Precipitation for the water year October 1, 1979 through September 30, 1980 totaled 12.07 inches--nearly four inches above normal and about two and one half inches more than a year earlier. Weather during the fall and winter season fluctuated between periods of Indian Summer and cold, wintry storms. Precipitation was well above normal. A series of cold fronts during the spring months brought widespread rain and snow, gusty winds, and scattered frosts. Hot, dry weather persisted during the summer season. Record breaking temperatures occurred near the end of July. Temperatures during the 1979-80 water year averaged 50.8 degrees which was slightly above both normal and a year earlier. July was the hottest month as usual with an average of 73.3 degrees.

FALL 1979: October was mostly a warm, dry month. Indian Summer ended suddenly during the third week, however, when a winter-like storm with damaging winds swept through Nevada. Several inches of snow accumulated in the northern and central mountain areas. Wintry weather extended into November. Weekly storms dropped snow at higher elevations and rain in valleys and extreme southern areas. Temperatures averaged above normal during the middle of November but were well below at the beginning and end of the month.

WEATHER SUMMARY, 1979-80 (Cont'd)

WINTER, 1979-80: December started dry and warm which extended to midmonth. A cold air mass dropped temperatures to well below normal the third week of December. The first major storm of the winter occurred the last week, dumping three to five feet of snow at higher elevations. Stormy weather and below normal temperatures extended into January. Warm weather prevailed the remainder of the month with widespread precipitation in the form of snow at high elevation areas and rain the valleys and extreme south. Warm, snow melting rains caused flooding in many areas during the second and third weeks of January. Cold air masses returned early in February bringing more rain and snow to the Silver State. Temperatures moderated the rest of February while a series of weekly storms dropped heavy amounts of precipitation throughout Nevada.

SPRING, 1980: Temperatures continued well above normal during the first part of March. Precipitation was intermittent throughout the month. Unsettled weather with lower temperatures prevailed near the end of March. Warm weather predominated during the middle of April but cold, showery weather opened and closed the month. Above normal amounts of rain fell in the west, less than average elsewhere. An influx of periodic cold fronts throughout most of May brought widespread rain and snow, gusty winds, and scattered frosts. Temperatures averaged below normal in most areas.

SUMMER, 1980: June was drier than normal with average temperatures slightly below normal. Greatest precipitation fell in the northeast while most of southern Nevada remained dry throughout the month. Cloudiness and intermittent shower activity resulted in cool temperatures west and north early in July while hot weather prevailed south. Above normal temperatures occurred statewide the remainder of the month with record breaking highs in some localities. Occasional thunderstorms produced near or above normal precipitation totals in most areas. Hot, dry weather dominated the first week and a half in August. Light shower activity had a cooling effect midmonth, mainly in the northern sections. Precipitation was below normal in all areas except the northwest. Temperatures were variable but below normal in the northwest and closer to normal in the south. September weather was highly variable, alternating between warm Indian summer periods and cool low pressure systems. Showers were scattered throughout the month but the bulk of measured precipitation occurred during the middle of September. No vegetative killing frosts were recorded during the month.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1980

	1979			1980									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
							Degrees						
Temperature	54.8	36.8	34.9	34.0	39.7	38.2	49.1	53.6	62.5	73.3	69.9	62.7	50.8
1979-80	51.8	39.4	32.7	29.6	33.8	40.3	48.6	56.4	64.4	72.9	70.8	62.8	50.3
Normal	+3.0	-2.6	+2.2	+4.4	+5.9	-2.1	+ .5	-2.8	-1.9	+ .4	- .9	- .1	+ .5
Departure													
Precipitation							Inches						
1979-80	.65	.57	.52	2.39	1.73	1.03	.68	2.11	.58	.64	.22	.95	12.07
Normal	.68	.68	.90	.94	.88	.81	.79	.77	.53	.47	.41	.39	8.25
Departure	-.03	-.11	-.38	+1.45	+.85	+.22	-.11	+1.34	+.05	+.17	-.19	+.56	+3.82

LIVESTOCK SUMMARY

Nevada's cattle cycle continued on an upward swing which started well over a year ago. Total cattle and calves on January 1, 1981, at 640,000 head, was up 8 percent from a year earlier but still 4 percent below the record number of 664,000 in 1974. Relatively high beef prices the last few years and better than normal range conditions have encouraged inventory increases. Beef cows totaled 340,000 head at the beginning of 1981--up 6 percent from the preceding year. Milk cows were unchanged from the 15,000 head level a year ago. Beef heifers over 500 pounds showed an 8 percent increase from the previous year while no change was reported for milk replacement heifers.

Sheep and lambs totaled 134,000 head January 1, 1981--up 10 percent from the preceding year. Sheep numbers were at a peak level of over 1,300,000 in 1920. Stock sheep were estimated at 125,000 head at the beginning of the year.

LIVESTOCK ON FARMS, JANUARY 1, 1979-1981

Species	Nevada				United States 1/			
	1979	1980	1981	81 as % of 80	1979	1980	1981	81 as % of 80
	- Thousand Head -			Pct.	- Thousand Head -			Pct.
Cattle & Calves	575	595	640	108	110,864	111,192	115,013	103
Cows that calved	305	320	340	106	47,852	47,865	49,856	104
Beef Cows	290	305	325	107	37,062	37,086	38,987	105
Milk Cows	15	15	15	100	10,790	10,779	10,869	101
Heifers 500 lb+	71	74	79	107	16,904	17,227	17,875	104
Beef Repl	47	51	55	108	5,527	5,939	6,189	104
Milk Repl	8	8	8	100	3,932	4,158	4,353	105
Other Heifers	16	15	16	107	7,445	7,130	7,333	103
Steers 500 lb+	36	34	40	118	16,442	16,019	15,605	97
Bulls 500 lb+	16	17	18	106	2,403	2,492	2,556	103
Calves under 500 lb	147	150	163	109	27,263	27,590	29,123	106
Sheep & Lambs	125	122	134	110	12,365	12,687	12,942	102
On feed	7	7	9	129	1,530	1,622	1,624	100
Stock Sheep	118	115	125	109	10,786	11,065	11,318	102
Lambs	18	19	20	105	2,040	2,175	2,148	99
Ewes	17	18	19	106	1,684	1,807	1,791	99
Wethers & Rams	1	1	1	100	356	368	357	97
1 year & over	100	96	105	109	8,746	8,890	9,169	103
Ewes	98	94	103	110	8,366	8,524	8,798	103
Wethers & Rams	2	2	2	100	380	366	371	101
HOGS & PIGS 2/	10	11	12	109	60,356	67,353	64,520	96

1/ May not add due to rounding. 2/ December 1 preceding year.

NEVADA : VALUE PER HEAD AND TOTAL VALUE, JANUARY 1, 1979-81

Species	Value per Head			Total Value		
	1979	1980	1981	1979	1980	1981
	Dollars			Thousands		
Cattle & Calves	400.00	460.00	405.00	230,000	273,700	259,200
Sheep & Lambs	80.50	88.00	88.00	10,055	10,736	11,792
Hogs & pigs 1/	71.50	60.00	66.50	715	660	798
Total 3 species	--	--	--	240,770	285,096	271,790

1/ December 1, preceding year.

FARM VALUES

Inventory numbers were well above last year for all species. Per head values, however, were down sharply for cattle and calves, at the same level for sheep and lambs, and slightly higher for hogs and pigs.

Lower per head values more than offset increases in inventory numbers as the total inventory value of $272 million was 5 percent below a year earlier. Cattle and calves were valued at $259 million, sheep and lambs at $11.8 million, and hogs and pigs at $798,000.

CATTLE AND CALVES ON FARMS AND RANCHES BY COUNTIES,
NEVADA, JANUARY 1, 1976-81

County	1976	1977	1978	1979	1980	1981
	Number of Head					
Carson City	1,400	1,300	1,300	1,000	1,000	1,400
Churchill	65,000	54,000	58,000	61,000	60,000	68,000
Douglas	29,000	24,000	20,000	16,000	18,000	18,000
Humboldt	78,000	68,00	63,000	64,000	65,000	70,000
Lyon	42,000	43,000	44,000	45,000	53,000	53,000
Pershing	39,000	31,300	26,000	26,000	30,000	29,000
Storey	300	200	100	100	100	100
Washoe	30,000	31,000	32,000	28,000	26,000	36,000
Northwestern District	284,700	252,500	244,400	241,100	253,100	275,500
Elko	200,000	195,000	180,000	185,000	187,000	195,000
Eureka	33,000	35,000	36,000	34,000	33,000	40,000
Lander	34,000	31,000	28,000	24,000	27,000	27,000
White Pine	26,000	27,000	28,800	26,000	27,000	31,000
Northeastern District	293,000	288,000	272,000	269,000	274,000	293,000
Clark	15,000	16,000	16,000	12,000	15,000	14,000
Esmeralda	6,300	5,500	5,600	5,900	5,900	7,500
Lincoln	18,000	17,000	16,000	15,000	16,000	18,000
Mineral	4,000	4,000	4,000	4,000	4,000	4,000
Nye	30,000	28,000	27,000	28,000	27,000	28,000
Southern District	73,300	70,500	68,600	64,900	67,900	71,500
Nevada	651,000	611,000	585,000	575,000	595,000	640,000

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1981 were estimated at 22,000 head--10 percent more than the preceding year but well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED IN NEVADA FEEDLOTS ON JANUARY 1

Item	1979	1980	1981	1981 as % of 1980
	- - - Thousand Head - - -			Percent
Number on feed for slaughter market:	17	20	22	110

RANGE AND PASTURE CONDITION

Data in the following table relate to the condition of pastures and ranges near the first of each month and are expressed as a precentage of normal. Normal in this case equals 100. Since range grasses in Nevada are ordinarily not irrigated, the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1966, 1972, 1974,1976, 1977, and again in 1981.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA 1964-1981

Year	April	May	June	July	August	September	October	November	December
1964	79	78	80	90	86	84	84	80	*
1965	82	87	86	88	87	90	89	84	*
1966	77	77	76	74	70	69	69	70	*
1967	79	73	83	93	93	91	87	86	*
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60			

* Data not available prior to 1972.

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1972-80

Year	All Cattle Jan. 1	Calves Born	Inship-ments	Marketings		Farm Slaugh-ter	Deaths	
				Cattle	Calves		Cattle	Calves
	Thousand Head							
1972	645	312	37	168	147	3	10	15
1973	651	315	43	167	142	3	13	20
1974	664	300	44	174	148	3	9	17
1975	657	285	46	175	125	3	14	20
1976 2/	651	260	44	185	130	5	11	13
1977 2/	611	250	44	170	117	5	11	17
1978 2/	585	245	40	159	107	5	9	15
1979 2/	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
1981	640							

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA 1972-80

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inship-ments	Marketings		Farm Slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
	Thousand Head							
1972	204	132	143	34	221	3	17	24
1973	180	127	90	12	166	3	18	21
1974	177	125	78	18	169	3	18	21
1975	151	110	192	9	252	3	17	19
1976	153	102	114	12	185	3	16	20
1977 2/	133	96	69	7	130	3	10	23
1978 2/	125	96	68	8	121	3	13	19
1979 2/	125	94	68	12	124	3	10	16
1980	122	93	68	1	115	3	9	21
1981	134							

HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1972-80

Year	Hogs & Pigs Dec. 1	Pig Crop		Inship-ments	Market-ings	Farm Slaugh-ter	Deaths
	1/	Dec. 1/ - May	June-Nov				
	Number of Head						
1972	11,000	6,000	6,700	200	12,300	600	1,000
1973	10,000	9,000	7,500	200	14,100	500	1,100
1974	11,000	6,500	7,300	100	12,300	800	800
1975	11,000	7,000	6,500	100	14,000	800	800
1976	9,000	6,300	5,900	100	11,800	800	700
1977	8,000	7,700	7,500	100	12,700	900	700
1978 2/	9,000	8,900	7,000	100	13,200	1,000	800
1979 2/	10,000	9,800	8,400	100	15,300	1,000	1,000
1980	11,000	9,100	9,000	100	15,200	1,000	1,000
1981	12,000						

1/ December 1 of preceding year. 2/ Revised.

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA 1972-80

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds			Thousand Dollars		
1972	204,355	220,191	73,088	78,159	1,313	79,472
1973	209,295	223,571	94,009	99,610	1,644	101,254
1974	196,065	233,038	66,338	78,880	1,185	80,065
1975 2/	190,220	224,608	57,992	68,812	1,056	69,868
1976 2/	175,325	234,517	58,960	78,594	2,118	80,712
1977 2/	171,535	214,437	61,462	76,553	2,265	78,818
1978 2/	173,310	199,507	88,511	101,376	3.317	104,693
1979 2/	185,725	190,205	126,177	128,402	3,919	132,321
1980	196,755	190,333	125,724	121,043	3,138	124,181
1981						

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA 1972-80

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds			Thousand Dollars		
1972	11,080	23,197	2,760	5,733	72	5,805
1973	9,854	15,924	3,057	4,987	79	5,066
1974	8,890	16,848	3,209	5,633	86	5,719
1975 2/	10,666	23,171	4,321	9,169	91	9,260
1976 2/	7,922	17,596	3,500	7,160	99	7,259
1977 2/	7,121	12,224	3,162	5,599	101	5,700
1978 2/	7,460	11,804	4,106	6,453	134	6,587
1979 2/	6,230	12,495	3,495	7,112	132	7,244
1980	6,195	10,475	3,154	6,310	129	6,439
1981						

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA, 1972-80

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds			Thousand Dollars		
1972	2,782	2,624	690	651	51	702
1973	3,571	3,147	1,378	1,215	67	1,282
1974	2,808	2,613	983	915	97	1,012
1975 2/	3,068	3,006	1,475	1,448	132	1,580
1976 2/	2,668	2,524	1,205	1,141	124	1,265
1977 2/	3,125	2,653	1,297	1,105	128	1,233
1978 2/	3,385	2,913	1,680	1,451	169	1,620
1979 2/	3,888	3,346	1,613	1,390	142	1,532
1980	3,578	3,322	1,403	1,307	134	1,441
1981						

1/ Receipts from marketings and sale of farm slaughter. 2/ Revised

SHEEP AND WOOL

Sheep and lamb inventories showed an upturn for the second time in many years in Nevada. At the present time, sheep and lamb numbers are less than one-tenth of the 1,340,000 head total which peaked 59 years ago. Wool production in 1981 is estimated at 1,150,000 pounds, grease basis. This is 6 percent above the 1980 production of 1,080,000 pounds. Sheep shorn and to be shorn during 1981 at 115,000 head, is 6 percent more than the number shorn last year. Fleece weight of 10.0 pounds per head is the same as the previous year.

Wool prices fluctuated considerably during the past decade ranging from 30 cents a pound in 1972 to 88 cents in 1980. The season average for 1981 is not available at this time.

WOOL PRODUCTION AND VALUE, NEVADA, 1972-81

Year	Sheep Shorn	Weight per Fleece	Wool Production	Price per Pound	Value
	Thou. Head	Pounds	Thou. Lb.	Cents	Thou. Dol.
1972	158	10.3	1,627	30	488
1973	148	10.1	1,495	84	1,246
1974	143	10.3	1,473	65	957
1975	126	10.0	1,260	51	643
1976	120	10.2	1,224	69	845
1977	110	10.2	1,122	63	707
1978	102	10.4	1,061	69	732
1979	100	10.3	1,030	84	865
1980	108	10.0	1,080	88	950
1981	115	10.0	1,150	NA	NA

SHEEP AND LAMBS ON FARMS AND RANCHES, BY COUNTIES
NEVADA, JANUARY 1, 1976-81

County	1976	1977	1978	1979	1980	1981
	Number of Head					
Carson City	3,000	2,000	2,000	2,000	2,000	2,000
Churchill	5,000	4,000	2,000	2,000	2,000	2,000
Douglas	6,000	6,000	6,000	7,000	7,000	10,000
Elko	51,000	45,000	32,000	37,000	34,000	34,000
Eureka	9,400	8,400	12,000	8,000	9,000	11,000
Humboldt	4,000	4,000	6,000	6,000	6,000	7,000
Lander	3,000	3,000	5,000	5,400	4,500	5,800
Lyon	14,000	14,000	14,000	13,000	14,000	16,000
Nye	4,600	4,100	3,400	5,000	4,000	4,000
Pershing	17,000	13,000	13,000	12,000	11,000	14,000
Washoe	4,500	3,000	2,000	4,000	3,000	5,000
White Pine	31,000	26,000	27,000	23,000	25,000	27,000
All Other	500	500	600	600	500	1,200
State Total	153,000	133,000	125,000	125,000	122,000	139,000

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants decreased 8 percent during 1980. Declines occurred early in the year. Cattle accounted for 6.2 million pounds or 80 percent of the total compared with 85 percent a year earlier. These estimates include slaughter in Nevada's 6 Federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1976-80

Species and Year	Head	Liveweight Average	Liveweight Total	Specie And Year	Head	Liveweight Average	Liveweight Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1976	15,100	1,025	15,480	1976. . . .	1,700	99	169
1977	24,600	1,023	25,203	1977. . . .	2,300	106	243
1978	16,300	1,009	16,400	1978. . . .	2,200	109	239
1979	7,000	1,022	7,141	1979. . . .	2,100	110	230
1980	5,900	1,040	6,168	1980. . . .	2,700	111	299
Calves				Hogs			
1976	1,000	353	353	1976. . . .	2,800	234	654
1977	1,100	410	444	1977. . . .	3,800	225	848
1978	200	410	92	1978. . . .	3,700	239	879
1979	--	--	--	1979. . . .	4,300	230	982
1980	--	--	--	1980. . . .	5,700	217	1,245

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA 1980 1/

Month	Cattle Head	Cattle Total Live-Weight	Calves Head	Calves Total Live-Weight	Sheep & Lambs Head	Sheep & Lambs Total Live-Weight	Hogs Head	Hogs Total Live-Weight	All Species Total Liveweight
	No.	Thou.Lb	No.	Thou.Lb.	No.	Thou. Lb.	No.	Thou.Lb.	Thou. Lb.
January .	500	534	-	-	100	14	500	113	661
February.	500	528	-	-	100	11	300	67	606
March . .	500	516	-	-	100	9	400	87	612
April . .	500	559	-	-	100	13	600	131	703
May . . .	500	517	-	-	400	43	800	167	727
June. . .	400	440	-	-	300	31	500	101	572
July. . .	500	532	-	-	500	49	500	113	694
August. .	400	428	-	-	300	32	400	81	541
September	500	475	-	-	300	30	400	84	589
October .	500	538	-	-	200	24	600	119	681
November.	500	533	-	-	200	20	400	88	641
December.	500	568	-	-	200	23	400	95	686
Total	5,900	6,168	-	-	2,700	299	5,700	1,245	7,712

1/ Totals may not add due to rounding. Months with no data printed are not printed to avoid disclosing individual operations, but data are included in annual totals

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1980 was estimated at 219 million pounds--up 10 percent from a year earlier.

Of the 219 million pounds produced, 214 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was untilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled 27.2 million, up 22 percent from 1979. Producers received an average $12.70 per cwt. for fluid milk marketed in 1980 compared with $11.50 in 1979.

Ice cream production in 1980 totaled 1,186,000 gallons--up 9 percent from a year earlier. Ice milk production at the 1,078,000 gallon level was up 12 percent, while sherbet at 82,000 gallons was 1 percent below the 1979 output.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1971-1980

Year	MILK					
	Production	Farm Value of Production	Utilization		Marketing Receipts	
			Farm Uses	Sold 1/	Per Lb. Milk Fat	Cash Receipts
	Million Pounds	Thousand Dollars		Million Pounds	Dollars	Thousand Dollars
1971	141	8,601	5	136	1.70	8,299
1972	143	8,838	5	138	1.73	8,529
1973	144	10,181	5	139	1.96	9,826
1974	167	14,479	5	162	2.43	14,046
1975	168	14,935	5	163	2.46	14,487
1976	191	18,221	5	186	2.70	17,738
1977	198	19,404	5	193	2.83	18,906
1978	187	19,560	5	182	2.98	19,033
1979	199	22,885	5	194	3.34	22,310
1980	219	27,813	5	214	3.62	27,178

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTERS, 1978-80

Quarter	Cows Milked 1/			Milk Per Cow 2/			Milk Production 2/		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Thousands			Pounds			Million Lbs		
Jan. - March	14.3	15.0	15.0	3,170	2,925	3,335	45.3	43.9	50.0
Apr. - June	14.5	15.0	15.0	3,360	3,475	3,760	48.7	52.1	56.4
July - Sept	14.8	15.0	15.0	3,255	3,540	3,860	48.2	53.1	57.9
Oct. - Dec.	15.0	15.0	15.0	2,985	3,325	3,645	44.8	49.9	54.7
Annual	14.7	15.0	15.0	12,720	13,265	14,593	187.0	199.0	219.0

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

ALL MILK PRICE, VALUE OF CONCENTRATE RATIONS FED TO MILK COWS, AND MILK-FEED PRICE RATIOS, NEVADA BY MONTHS, 1978-80

Month	All Milk Price Per Cwt.			Value of 100 Pounds of Concentrate Rations Fed:			Milk Feed Price Ratios		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Dollars			Dollars			Numbers		
January	10.35	11.30	12.60	5.85	6.05	6.80	1.77	1.87	1.85
February	10.35	11.40	12.75	5.90	6.25	7.00	1.75	1.82	1.82
March	10.35	11.15	12.60	5.85	6.25	7.00	1.77	1.78	1.80
April	10.15	11.05	12.45	5.85	6.20	6.95	1.74	1.78	1.79
May	10.15	11.10	12.20	6.00	6.35	7.05	1.69	1.75	1.73
June	10.10	11.15	12.30	5.85	6.35	7.05	1.73	1.76	1.74
July	10.05	11.15	12.35	5.70	6.30	7.05	1.76	1.77	1.75
August	10.25	11.40	12.50	5.70	6.45	7.20	1.80	1.77	1.74
September	10.55	11.65	12.80	5.70	6.45	7.25	1.85	1.81	1.77
October	10.65	12.05	13.20	5.75	6.40	7.25	1.85	1.88	1.82
November	10.85	12.35	13.45	5.85	6.55	7.70	1.85	1.89	1.75
December	10.95	12.55	13.70	6.00	6.60	7.80	1.83	1.90	1.76
Annual	10.40	11.50	12.70	5.83	6.35	7.27	1.78	1.81	1.75

AVERAGE FAT TEST OF MILK SOLD BY FARMERS AND QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, NEVADA BY MONTHS, 1978-80

Month	Fat Test of Milk Sold			Dairy Products Manufactured 1/					
				Ice Cream 2/			Ice Milk 2/		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Percent			Thousand Gallons					
January	3.70	3.74	3.67	94	74	87	69	58	76
February	3.68	3.70	3.62	100	68	81	71	61	74
March	3.65	3.46	3.58	114	97	95	86	80	90
April	3.52	3.42	3.49	85	82	103	77	76	101
May	3.44	3.26	3.41	107	100	104	100	83	97
June	3.35	3.23	3.39	115	109	103	100	86	90
July	3.30	3.23	3.35	113	111	136	103	91	99
August	3.31	3.28	3.31	119	117	113	114	105	103
September	3.52	3.34	3.48	90	88	104	98	91	104
October	3.53	3.47	3.52	91	96	97	66	92	94
November	3.57	3.61	3.63	79	77	79	68	77	74
December	3.69	3.68	3.70	55	69	84	54	63	76
Annual	3.52	3.44	3.51	1162	1088	1189	1006	963	1078

1/ Sherbert production on annual basis: 1978-82,000 gallons; 1979-83,000 gallons; 1980-82,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed. 2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA 1977-80

COUNTY	1977 Milk Cows	1977 Milk per Cow	1977 Milk Production	1978 Milk Cows	1978 Milk per Cow	1978 Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill. . .	4,200	14,000	58.8	4,100	13,100	53.7
Clark.	5,900	14,200	83.8	6,200	12,900	80.0
Douglas. . . .	1,900	14,300	27.2	1,900	13,300	25.3
Lyon	1,100	13,500	14.9	1,200	11,000	13.2
Washoe	700	11,900	8.3	700	11,800	8.3
All others . .	500	9,900	5.0	600	10,900	6.5
State Total	14,300	13,846	198.0	14,700	12,720	187.0

COUNTY	1979 Milk Cows	1979 Milk per Cow	1979 Milk Production	1980 Milk Cows	1980 Milk per Cow	1980 Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill. . .	3,800	13,100	49.8	3,500	15,100	52.9
Clark.	6,700	13,200	88.4	7,000	13,800	96.6
Douglas. . . .	2,000	14,200	28.4	2,100	15,600	32.8
Lyon	1,300	14,000	18.2	1,500	15,900	23.9
Washoe	600	12,400	7.4	500	14,400	7.2
All others . .	600	11,400	6.8	400	13,900	5.6
State Total.	15,000	13,265	199.0	15,000	14,600	219.0

HONEY BEE COLONIES, HONEY & BEESWAX PRODUCTION
VALUE OF PRODUCTION, NEVADA 1972-80

Year	Colonies	Pounds Honey Produced Per Colony	Pounds Honey Produced Total Thou. Pound	Beeswax Produced Thou. Pound	Value of Production Honey Dollars per Pound	Value of Production Honey Total Thou. Dollars	Value of Production Beeswax Dollars per Pound	Value of Production Beeswax Total Thou. Dollars	Honey Stocks Dec. 15 Thou. Pound
	Thou.								
1972	8	70	560	6	.286	160	.60	4	56
1973	7	95	665	8	.402	267	.70	6	67
1974	7	100	700	12	.502	551	1.23	15	35
1975	8	55	440	6	.580	255	1.10	7	132
1976	9	55	495	7	.533	264	1.15	8	20
1977	10	55	550	9	.572	315	1.75	16	193
1978	9	40	360	6	.602	217	1.85	11	108
1979	12	35	420	6	.603	253	1.89	11	105
1980	11	60	660	13	.720	475	1.67	22	231

CHICKENS AND EGGS

Total chickens on Nevada farms and ranches were estimated at 13,000 birds on December 1, 1980. This was unchanged from both a year earlier and December 1, 1978. Of the total chickens, 10,000 birds were of laying age on December 1, 1980.

Total value of chickens in Nevada on December 1, 1980 came to $32,000 which was 14 percent more than a year earlier. Value per bird, at $2.45 was up 30 cents from a year earlier.

CHICKENS ON FARMS, DECEMBER 1, 1978-80 1/

Species	Nevada				United States			
	1978	1979	1980	80 as % of 79	1978	1979	1980	80 as % of 79
	Thousand Head			Percent	Thousand Head			Percent
Total Chickens	13	13	13	100	396,933	400,585	392,200	98
Laying Age. .	10	10	10	100	293,306	294.933	294,313	100
Hens	8	8	8	100	123,191	120,140	124,384	104
Pullets. . .	2	2	2	100	170,115	174,793	169,929	97
All others. .	3	3	3	100	103,627	105,652	97,887	93

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1978-80 1/

Value	Nevada			United States		
	1978	1979	1980	1978	1979	1980
Per Head	2.10	2.15	2.45	1.75	1.81	1.88
Total thou. dol. .	27	28	32	696,019	726,365	738,542

1/ Exdludes commercial broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA 1978-80

Quarter	Layers			Eggs per 100 layers 1/			Total Production		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Thousands			Number			Thousands		
Dec 2/- Feb.	12.0	10.0	10.0	4,250	3,870	3,868	508	387	387
March - May	13.0	10.0	10.0	5,244	4,692	4,692	682	469	469
June - Aug.	12.0	10.0	10.0	5,152	4,876	4,600	618	488	460
Sept. - Nov.	12.0	10.0	10.0	4,186	3,822	3,822	502	382	382
Total 3/	12.3	10.0	10.0	192	180	180	2,310	1,726	1,698

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1978-80

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of home Consumption	Gross Income
	Million Eggs			Cents		Thousand Dollars	
1978	2.3	.7	1.6	44.5	59	26	85
1979	1.8	.8	1.0	51.5	43	34	77
1980	1.8	.8	1.0	50.0	42	33	75

FARM LABOR

Nevada's farm and ranch labor force averaged 4,900 workers during 1980. This was a decrease of 2 percent from the 5,000 workers average for 1979. The labor force was at the lowest level during the winter months when about 3,700 workers were employed. During the winter, there is generally little planting and farmers activity is limited to harvesting vegetables on a small acreage in Moapa Valley. The work force increased from the low point around the first of the year until July when the number of workers reached 5,900 during the peak hay and grain harvest period.

Family workers averaged 2,400, down 4 percent from a year ago. July represented the peak with 3,200 family workers while October had 1,900 for the lowest number. The average number of hired workers was 2,500 which was unchanged from the preceding year. The number of hired workers follows about the same monthly pattern as total workers.

Farm employment represents number of family and hired labor working during the survey week. Family labor includes farm operators working on farms one hour or more plus other family members working 15 hours or more without receiving cash wages during the survey week. Hired workers include all persons working one hour or more for cash wages.

WORKERS ON NEVADA FARMS AND RANCHES, BY QUARTERS, 1978-80

Month	Family Workers			Hired Workers			Total Workers		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	Thousands								
January	2.0	2.1	2.0	2.1	1.9	1.7	4.1	4.0	3.7
April	2.7	2.6	2.3	3.0	2.7	2.4	5.7	5.3	4.7
July	2.9	3.0	3.2	2.8	2.7	2.7	5.7	5.7	5.9
October	2.1	2.2	1.9	3.0	2.7	3.0	5.1	4.9	4.9
Annual Average	2.4	2.5	2.4	2.7	2.5	2.5	5.1	5.0	4.9

FARM WAGE RATES, 1978-80

Item	NEVADA			UNITED STATES		
	1978	1979	1980	1978	1979	1980
	Dollars					
Method of Pay						
All hired farm workers	$2.55	2.72	3.16	3.09	3.39	3.66
Paid by piece rate	4/	4/	4/	3.76	4.08	4.61
Other than piece-rate	2.55	2.72	3.16	3.04	3.34	3.59
Paid by hour only 1/	3.16	3.42	3.95	3.08	3.38	3.63
Paid cash wages only 2/	3.32	3.44	3.94	3.22	3.58	3.82
Paid hour cash wages only 3/	3.27	3.58	4.03	3.10	3.41	3.67

1/ May include perquisites such as room and board, includes only those paid by the hour.
2/ Does not include perquisites, includes all methods of pay. 3/ Does not include perquisites, includes only those paid by the hour. 4/ Insufficient data.

NEVADA MIDMONTH PRICES RECEIVED, 1977-80, (Dollars)

Commodity	Unit	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Wtd. Av. 1/
Beef cattle	Cwt.														
		1977	31.90	33.00	33.30	34.20	34.90	35.80	35.80	34.90	35.10	36.90	35.80	37.40	35.20
		1978	39.40	40.80	45.90	46.80	49.40	49.40	48.20	48.20	50.60	50.60	50.60	53.60	48.40
		1979	57.80	65.20	68.80	69.80	70.20	64.40	61.00	59.40	63.40	61.60	63.40	63.40	63.60
		1980	63.40	65.40	64.40	57.80	57.80	58.60	59.40	61.40	59.80	62.40	60.80	61.40	61.40
Steers & heifers	Cwt.	1977	34.00	35.00	35.00	36.00	37.00	38.00	38.00	37.00	37.00	39.00	38.00	40.00	37.30
		1978	42.00	43.00	49.00	50.00	53.00	53.00	51.50	51.50	54.00	54.00	54.00	57.00	51.50
		1979	61.00	69.00	73.00	74.00	74.00	68.00	65.00	63.00	68.00	66.00	68.00	68.00	67.70
		1980	68.00	70.00	69.00	62.00	62.00	63.00	64.00	66.00	64.00	67.00	65.00	66.00	65.90
Cows	Cwt.	1977	21.00	21.00	23.00	24.00	24.00	24.00	24.00	24.00	25.00	25.00	23.00	24.00	23.60
		1978	26.00	30.00	32.00	33.00	35.00	35.00	35.00	35.00	37 00	37.00	37.00	40.00	35.20
		1979	45.00	50.00	52.00	53.00	55.00	50.00	45.00	45.00	45.00	44.00	45.00	45.00	46.80
		1980	45.00	47.00	46.00	41.00	41.00	41.00	41.00	43.00	43.00	44.00	44.00	43.00	43.60
Calves	Cwt.	1977	31.00	34.00	34.00	35.00	36.00	39.00	39.00	37.00	39.00	41.00	39.00	40.00	37.80
		1978	45.00	46.00	53.00	58.00	59.00	57.00	58.00	58.00	65.00	65.00	66.00	72.00	61.20
		1979	77.00	86.00	94.00	94.00	90.00	75.00	74.00	73.00	84.00	85.00	85.00	80.00	84.20
		1980	82.00	84.00	82.00	70.00	70.00	66.00	64.00	70.00	75.00	72.00	70.00	69.00	72.90
Sheep	Cwt.	1977	13.00	13.00	13.00	14.00	14.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.10
		1978	14.00	14.00	15.00	15.00	17.00	17.00	17.00	17.00	18.00	18.00	17.00	17.00	16.40
		1979	18.00	18.00	18.00	18.00	19.00	19.00	18.00	18.00	18.00	18.00	18.00	18.00	18.10
		1980	18.00	19.00	18.00	18.00	18.00	17.00	17.00	17.00	16.00	16.00	16.00	16.00	16.90
Lambs	Cwt.	1977	44.00	44.00	47.00	49.00	52.00	50.00	49.00	45.00	48.00	48.00	49.00	51.00	48.00
		1978	56.00	57.00	61.00	60.00	61.00	59.00	57.00	54.00	57.00	58.00	58.00	59.00	57.90
		1979	64.00	66.00	64.00	69.00	67.00	60.00	58.00	55.00	59.00	59.00	61.00	60.00	61.50
		1980	61.00	59.00	60.00	55.00	55.00	60.00	62.00	62.00	63.00	63.00	61.00	60.00	60.70
Alfalfa Hay	Ton	1977	74.00	74.00	75.00	75.00	76.00	76.00	65.00	65.00	58.00	57.00	56.00	55.00	N/A
		1978	56.00	52.00	50.00	48.00	47.00	51.00	56.00	56.00	54.00	54.00	56.00	58.00	N/A
		1979	58.00	59.00	61.00	65.00	70.00	72.00	73.00	78.00	79.00	83.00	86.00	92.00	N/A
		1980	94.00	96.00	100.00	104.00	100.00	97.00	99.00	97.00	98.00	97.00	98.00	97.00	N/A
Other Hay	Ton	1977	63.00	63.00	64.00	64.00	65.00	65.00	55.00	55.00	50.00	49.00	48.00	47.00	N/A
		1978	47.00	45.00	43.00	40.00	38.00	42.00	45.00	44.00	43.00	41.00	42.00	43.00	N/A
		1979	43.00	45.00	47.00	51.00	56.00	56.00	58.00	62.00	62.00	66.00	69.00	75.00	N/A
		1980	77.00	79.00	79.00	79.00	78.00	78.00	80.00	78.00	80.00	78.00	75.00	78.00	N/A
All Hay	Ton	1977	70.50	70.50	71.50	71.50	72.50	72.50	62.00	62.00	55.50	54.50	53.50	52.50	55.50
		1978	53.00	50.00	48.00	45.50	44.00	48.00	52.50	52.50	50.50	50.00	51.50	53.50	52.50
		1979	53.50	54.50	56.50	60.50	65.50	67.00	68.50	73.00	74.00	78.00	81.00	87.00	82.00
		1980	89.00	91.00	93.50	96.00	93.00	91.00	93.00	91.00	92.50	91.00	89.00	91.00	91.50

1/ Average for crops based on crop year marketing season -- livestock and products based on calendar year.

CONSUMPTION BY KIND OF FERTILIZER, NEVADA, YEARS ENDED JUNE 30, 1978-1980

Kind of Fertilizer	1978	1979	1980
		Tons	
Anhydrous Ammonia	524	885	556
Ammonium nitrate	774	1,005	847
Ammonium sulphate	3,964	3,847	1,978
Nitrogen solution	7,716	6,912	3,221
Urea	185	516	516
Other nitrogen materials	69	1,243	1,442
Ammonium phosphates	4,527	3,353	3,757
Superphosphate	624	723	2,427
Other phosphates	9	15	13
Potash materials	47	71	27
Gypsum	1,780	703	6,604
Other secondary and micronutrients	611	929	558
Natural organics	2,067	1,503	2,491
Total direct-application material	22,897	21,705	24,437
Total commercial mixtures	4,464	5,192	5,228
Total all kinds of fertilizer	27,361	26,897	29,665

AVERAGE PRICES PAID BY FARMERS AND RANCHERS FOR FEED, NEVADA, 1977-1980

Commodity	Unit	1977	1978	1979	1980
			Dollars		
Feed:					
Dairy feed, 14%	Ton	154.00	150.00	162.00	173.00
Dairy feed, 16%	"	181.00	165.00	179.00	195.00
Bran	Cwt.	9.00	9.00	9.60	11.70
Cottonseed meal, 41%	"	12.90	12.70	14.50	15.80
Stock salt	"	4.00	3.95	4.10	4.70

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA 1978-80

Item	1978		1979		1980	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves	101,375	56.7	128,401	58.4	121,042	51.9
Dairy Products	19,033	10.6	22,513	10.2	27,387	11.8
Sheep & Lambs (Including wool)	7,183	4.0	8,053	3.6	7,259	3.1
All other Livestock & Products	1,996	1.1	1,948	.9	2,103	.9
Total Livestock & Products	129,587	72.4	160,915	73.1	157,791	67.7
All Hay	22,140	12.4	28,673	13.0	39,914	17.1
Alfalfa seed	9,397	5.2	8,818	4.0	9,359	4.0
Potatoes	8,725	4.9	10,893	5.0	11,025	4.7
Food & Feed Grains	3,812	2.1	6,091	2.8	8,404	3.6
Vegetables	4,058	2.3	3,264	1.5	5,325	2.3
Cotton, lint & seed	575	.3	698	.3	417	.2
All other Crops	619	.4	673	.3	832	.4
Total Crops	49,326	27.6	59,110	26.9	75,276	32.3
Total All Commodities	178,913	100.0	220,025	100.0	233,067	100.0

PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1978-1980 1/

Item	1978	1979	1980
	- - - Million Dollars - - -		
Feed	17.5	24.1	26.1
Livestock	17.9	23.8	24.1
Seed	4.6	4.4	5.0
Fertilizer and lime	3.6	4.0	4.4
Repair and operation of capital items	22.8	27.9	33.1
Hired labor	27.1	29.4	32.7
Miscellaneous	36.9	43.4	49.7
Total current farm operating expenses	130.3	156.9	175.1
Depreciation and other consumption of farm capital	23.5	28.7	39.0
Taxes on farm property	5.7	4.0	4.1
Interest on farm mortgage debt	14.3	17.2	20.0
Net rent to nonfarm landlords	1.6	2.6	2.7
Total Production Expense	175.4	209.3	240.8

FARM INCOME DOWN 11 PERCENT IN 1980

Total net farm income weakened from 1979 to 1980. Increases in cash receipts from farm marketings were more than offset by increases in farm production expenses.

FARM INCOME, NEVADA, 1978-80 1/

Item	1978	1979	1980
	- - - Million Dollars - - -		
Realized gross farm income			
Cash receipts from farm marketings	178.9	220.0	233.1
Government payments	3.4	1.3	1.3
Nonmoney income	16.1	21.0	22.7
Other farm income	3.7	4.6	4.8
Total gross farm income	202.0	246.9	261.8
Farm production expenses	175.4	209.3	240.8
Realized net farm income	26.6	37.6	21.0
Net change in farm inventories	- 6.5	+ 9.0	+20.4
Total net farm income	20.1	46.6	41.4

1/ Details may not add to totals due to rounding.

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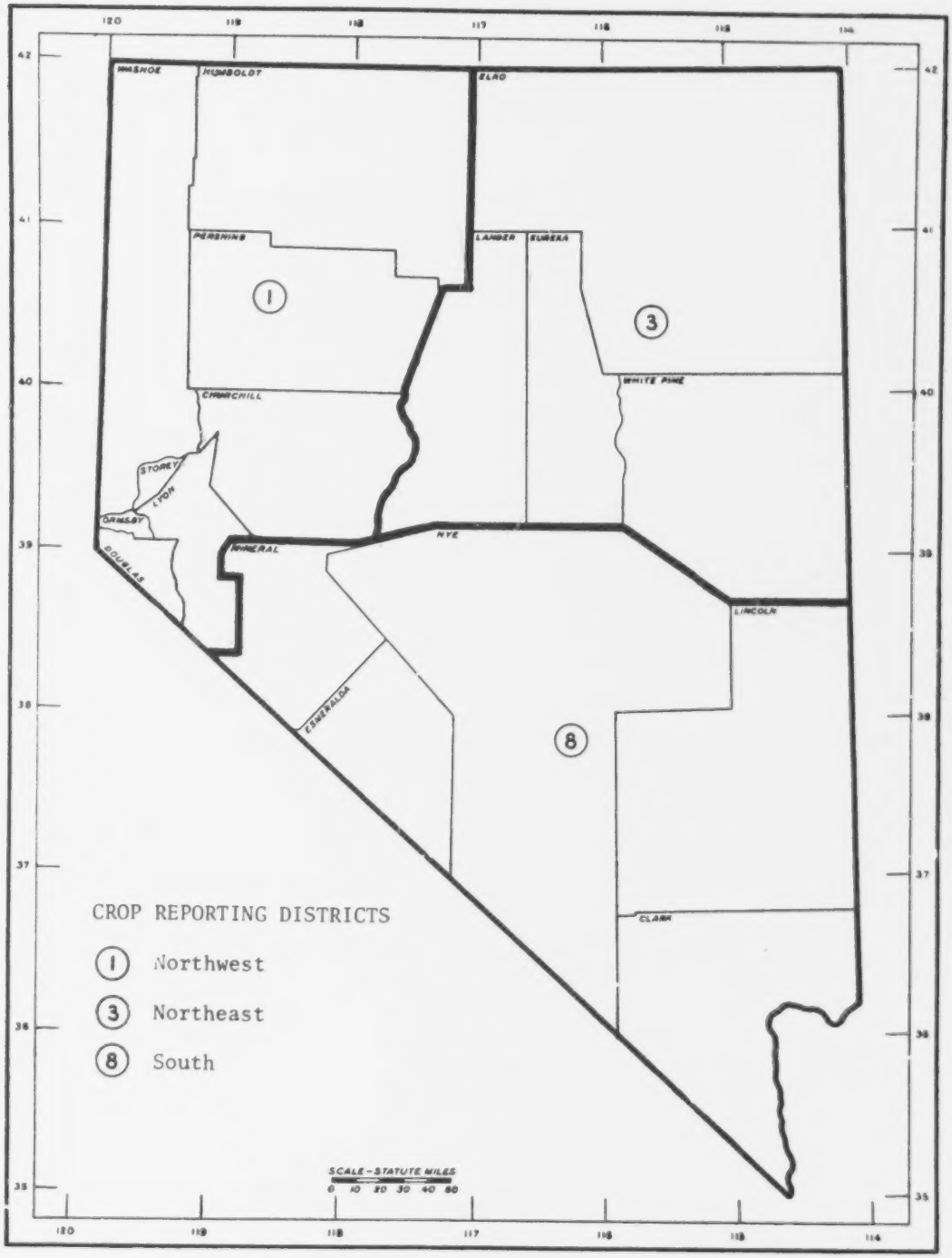
NEVADA COUNTIES AND CROP REPORTING DISTRICTS



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